

ABSTRACT
For
tone detection elimination

The present invention discloses a communication system comprising a first communication device, a first network control device for controlling a first network to which the first communication device is connected, and a first interface establishing device connected between the first network control device and a transmitting network. The first communication device and the first network control device are connected such that a use signal and a control signal are sent separately to the first network control device. Furthermore, the first network control device and the first interface establishing device are connected such that the use signal and the control signal are sent separately to the first interface establishing device. In the communication system according to the invention, the need for a tone detection in the first interface establishing means, i.e. the gateway for the network, for example an IP-based network, is eliminated. Hence, a simplified hardware structure can be achieved and disturbances of the use signal by the control signal can be reduced.